Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 12 Sep 2023 until 23:59 on Wednesday 13 Sep 2023

Forecast Issued on Monday 11 Sep 2023 at 14:38

Confidence: Low confidence in clearance time of rain and cloud Tuesday. Higher confidence in a fine day on Wednesday, then low confidence in cloud and precipitation details from Thursday due to slow movement of an area of rain.

Headline for Tuesday 12 Sep 2023: Rain and cloud gradually clearing.

Mountain weather hazards on Tuesday 12 Sep 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Fog	Fog	Light rain showers	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability							
80%	60%	40%	40%	40%	20%	20%	10%

Forecast for Tuesday 12 Sep 2023

Weather: Overnight rain will persist through the morning then largely clear to the east by mid-afternoon with drier, and fresher conditions gradually becoming established. Showery rain and drizzle may linger in the east until evening however, with the best of the brightness in western hills during the afternoon.

Chance of cloud-free hill tops above 600m: 30% increasing to 80%

Low cloud and visibility: Widespread low cloud with base 400m overnight will gradually lift towards 600m during the morning. This should then lift above the hills during the afternoon, tending to break up into the evening although there remains low confidence in timings. Visibility will be poor in rain and very poor in cloud covering hills, improving to good or very good as cloud lifts and clears.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 12 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/5 W	5/8 N	9/13 NE	11/15 NE	11/17 NE	14/21 NE	14/21 NE	13/21 NE	11/20 NE
300	3/5 N	4/7 NW	5/8 N	8/13 NE	10/17 NE	13/21 NE	10/18 NE	11/21 NE	9/18 NE
Valley	3/4 NW	5/8 N	5/8 N	8/15 NE	10/18 NE	12/22 NE	9/19 NE	12/25 NE	10/23 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/12	12/11	11/9	10/8	10/8	10/7	10/7	9/6	8/5
300	14/14	14/14	13/13	13/12	13/11	13/11	12/10	11/9	10/8
Valley	15/15	14/14	14/14	14/13	14/13	14/12	13/12	12/9	11/9
Freezing Level*	3100m	3000m	2900m	2700m	2500m	2300m	2100m	1900m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note low confidence in cloud details. Where cloud does persist poor visibility could make navigation difficult.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 11 Sep 2023	0mm	4mm	4mm

Forecast for Wednesday 13 Sep 2023

Weather: Sunny spells during the morning, then fair weather cloud will develop to give a cloudier afternoon, but likely remaining widely dry. Temperatures around normal for early autumn, but feeling notably cooler and fresher than of late.

Maximum wind: Easterly 10mph gusting 15-20mph

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Fair weather cloud will develop through the morning, but will be above all but the highest tops. High cloud is likely to increase during the afternoon, gradually lowering towards 600-700m during the evening before lowering further overnight.

Temperature: **Valleys:** Plus 8 Celsius becoming plus 17 Celsius.
At 600m: Plus 7 Celsius becoming plus 13 Celsius.
Freezing level: Above the summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.